

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for reading ahead data pages from a network based file system, said method comprising:
 - determining whether a number of available data pages resident to a client node satisfies a defined condition associated with a first value;
 - initiating a read-ahead operation for a second value of data pages from said network based file system provided said number of available data pages satisfies said defined condition;
 - receiving said second value of data pages from said network based file system for providing to said an application operating on the client node; and
 - adding said second value of data pages to said number of available data pages resident to said client node,
- wherein said second value of data pages can be fetched from said network based file system before ~~an~~ the application operating on said client node consumes said first value of data pages and wherein said read-ahead operation for the second value of data pages is initiated upon serving a data page of the number of available data pages to the application operating on the client node.

2. (Original) The method as described in Claim 1, wherein said defined condition is that said number of available data pages resident to said client node is less than said first value.

3. (Original) The method as described in Claim 1, wherein said defined condition is that said number of available data pages resident to said client node is equal to said first value.

4. (Original) The method as described in Claim 1, wherein said defined condition is that said number of available data pages resident to said client node is less than or equal to said first value.

5. (Cancelled)

6. (Original) The method as described in Claim 1, further comprising:

providing a data page to said application operating on said client node in response to receiving a data page request from said application; and

subtracting a value of one from said number of available data pages resident to said client node.

7. (Cancelled)

8. (Currently Amended) A computer readable medium having computer readable code embodied therein for causing a client computer to read ahead data pages from a network based file system, comprising:

ascertaining whether a number of available data pages associated with said client computer satisfies a defined condition associated with a first value;

transmitting a read-ahead request for a second value of data pages from said network based file system provided said number of available data pages satisfies said defined condition;

receiving said second value of data pages from said network based file system for providing to said an application operating on the client; and

adding said second value of data pages to said number of available data pages associated with said client computer,

wherein said second value of data pages can be fetched from said network based file system before ~~an~~ the application operating on said client computer utilizes said first value of data pages and wherein said read-ahead request for the second value of data pages is transmitted upon serving a data page of the number of available data pages to the application operating on the client node.

9. (Original) The computer readable medium as described in Claim 8, wherein said defined condition is that said number of available data pages associated with said client computer is less than said first value.

10. (Original) The computer readable medium as described in Claim 8, wherein said defined condition is that said number of available data pages associated with said client computer is equal to said first value.

11. (Original) The computer readable medium as described in Claim 8, wherein said defined condition is that said number of available data pages associated with said client computer is less than or equal to said first value.

12. (Cancelled)

13. (Original) The computer readable medium as described in Claim 8, further comprising:

serving a data page to said application operating on said client computer in response to receiving a data page request from said application; and

subtracting a value of one from said number of available data pages associated with said client computer.

14. (Cancelled)

15. (Currently Amended) A computer system comprising:

a processor;

a data bus coupled to said processor; and

a memory device coupled to communicate with said processor for performing:

determining whether a number of available data pages resident to said computer system satisfies a defined condition associated with a first value;

initiating a read-ahead operation for a second value of data pages from said network based file system provided said number of available data pages satisfies said defined condition;

receiving said second value of data pages from said network based file system for providing to ~~said~~ an application operating on the computer system; and

adding said second value of data pages to said number of available data pages resident to said computer system,

wherein said second value of data pages can be fetched from said network based file system before ~~an~~ the application operating on said computer system consumes said first value of data pages and wherein said read-ahead operation for the data pages is initiated upon serving a data page of the number of available data pages to the application operating on the client node.

16. (Original) The computer system as described in Claim 15, wherein said defined condition is that said number of available data pages resident to said computer system is less than said first value.

17. (Original) The computer system as described in Claim 15, wherein said defined condition is that said number of available data pages resident to said computer system is equal to said first value.

18. (Original) The computer system as described in Claim 15, wherein said defined condition is that said number of available data pages resident to said computer system is less than or equal to said first value.

19. (Cancelled)

20. (Original) The computer system as described in Claim 15, further comprising:

serving a data page to said application operating on said computer system in response to receiving a data page request from said application; and

subtracting a value of one from said number of available data pages resident to said computer system.